

Title (en)
METHOD FOR STAINPROOFING TREATMENT AND PRODUCT HAVING GLASS LAYER, REINFORCED POTTERY AND METHOD FOR PRODUCTION THEREOF, AND PRODUCT HAVING GLASS LAYER AND METHOD FOR PRODUCTION THEREOF

Title (de)
VERFAHREN ZUR FLECKENABWEISENDEN AUSTRÜSTUNG UND PRODUKT MIT GLASSCHICHT, VERSTÄRKTE KERAMIKWAREN UND HERSTELLUNGSVERFAHREN HIERFÜR SOWIE PRODUKT MIT GLASSCHICHT UND HERSTELLUNGSVERFAHREN HIERFÜR

Title (fr)
PROCEDE DE TRAITEMENT ANTITACHE ET PRODUIT A COUCHE DE VERRE, POTERIE RENFORCEE ET PROCEDE D'ELABORATION, AINSI QUE PRODUIT A COUCHE DE VERRE ET PROCEDE D'ELABORATION

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Application
EP 01972650 A 20011001

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Abstract (en)
[origin: EP1344760A1] A product having a glass layer is produced that can be produced at low cost and can exhibit excellent antibacterial function. A base body, a first glazing material capable of forming a first glass layer on a surface of the base body, and a second glazing material capable of forming a second glass layer containing a silver compound on the surface of the base body. A first glazing material layer comprising the first glazing material and, on the surface side, a second glazing material layer comprising the second glazing material are formed on the surface of the base body. The first glazing material layer and the second glazing material layer are melted to form a first glass layer and a second glass layer. The second glazing material layer has a higher viscosity upon melting than the first glazing material layer. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
• [XA] EP 0653161 A1 19950517 - SUMITOMO OSAKA CEMENT CO LTD [JP]
• [A] US 5379017 A 19950103 - KATSUNO TAKAFUMI [JP]
• [A] EP 0615964 A2 19940921 - SUMITOMO ELECTRIC INDUSTRIES [JP]
• [A] FR 2763933 A1 19981204 - RHODIA CHIMIE SA [FR]
• [XAY] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)
• [YA] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 12 3 January 2001 (2001-01-03)
• [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)
• See references of WO 0232834A1

Cited by
EP2759524A4; GB2484774A; US10947011B2; US10125270B2; US10973349B2; US9856055B2; US2018155082A1; US10273055B2; US10611525B2

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